			
Date: User:	₹hursday, 12/13/2007 11:14:57 AM Kim Johnston	Process Sheet	
Customer Job Number	: CU-DAR001 Dart Helicopters Services : 36284		: VALVE ASSEMBLY (1/2")
Estimate Num P.O. Number This Issue Prsht Rev.	nber : 10727	Drawing Number	: D200108 : D2001 REV C : N/A
First Issue Previous Run Written By	: N/A Type : PURCHASED PAR	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	: C : NA : 12/19/2007
Checked & Ap Comment	pproved By :	RF	
Additional Pro	oduct		
	•		
Job Number:			
Seq. #:	Machine Or Operation:	Description :	
1.0	PG	PURCHASING	
Co	omment: PURCHASING	a 4 - 11 - 11 -	
	Issue P/O: <u>5279</u> Order Apollo 76-10301 valve Ø0.5"	CL07112113	
	Possible Supplier: Flow Control	C	10)
	Material release note is required		·
2.0	7610301	VALVE	
Co	omment: Qty.: 1.0000 Each(s)/Unit Total : 10 VALVE	.0000 Each(s)	
	PACKAGING 1	PACKAGING RESOURCE #1	
Co	pomment: PACKAGING RESOURCE #1	_	,)
	Recieive & Inspect for Transit Damage Ensure Material Release Note is attached	/1/12/0	28 (10)
4.0	QC6	DIMENSONAL CHECK	
Co	omment: DIMENSIONAL CHECK		(100)10 (0)01 (100) (100)
	Inspect dimensions as per Dwg D2001 Discard handle, retain nut	J 08	Soulas (410)
5.0	SMALL FAB 1	SMALL & MEDIUM FAB RESOURCE 1	
	omment: CMALL & MEDIUM FAR RECOURSE 4	.1	ne 1111 08 01-15
CO	pmment: SMALL & MEDIUM FAB RESOURCE 1 Remove existing ID numbers on valve and re	eplace with Dart part number ar	nd batch number 80/14
5	5.1 machin mat. tha	will affect	A sa sui

Page 1

Dart Ae	rospace L1	td							
W/O:		WORK ORDER CHANGES						M-TV-V-Stall	
DATE STEP		PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
			•						
		•							
Part No	•	PAR #:	Fault Category:	NC	R: Yes	No DQA	: 12	Date: _(301/10
					QA: N	I/C Closed:	:	_ Date: _	
NCR:		,	WORK ORDER NON-CON	FORMANCE	(NCR	R) .			
DATE	STEP	Description of NC	Corrective Action		Sign &	Verifica		Approval	Approval

NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
		Description of NC		Verification	Approval	Approval					
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector			
							,				
						İ		1			

NOTE: Date & initial all entries

Thursday, 12/13/2007 11:14:57 AM Date: User: • Kim Johnston **Process Sheet** Drawing Name: VALVE ASSEMBLY (1/2") Customer: CU-DAR001 Dart Helicopters Services Job Number: 36284 Part Number: D200108 Job Number: Seq. #: Description: **Machine Or Operation:** INSPECT WORK TO CURRENT STEP 6.0 QC5 04/01/16 Comment: INSPECT WORK TO CURRENT STEP 7.0 PACKAGING RESOURCE #1 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: Location: FINAL INSPECTION/W/O RELEASE 8.0 QC21 Comment: FINAL INSPECTION/W/O RELEASE a of delle Job Completion

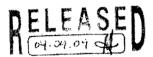
Dart Ae	rospace	Ltd										
W/O:		WORK ORDER CHANGES										
DATE STEP		PRO	CEDURE CH	ANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
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		•		,								
Part No	•	PAR #:	Fault Cat	egory:	NCF	R: Yes 1	No DQA	۸:	_ Date: _			
	MES _A MES STATE					QA: N/	C Closed	l:	_ Date: _			
NCR:		V	ORK ORI	DER NON-CONFOR	MANCE	(NCR						
		Description of NC	Corrective Action Section				Verification		Approval	Approval		
DATE	STEP	Section A	Initial Chief Eng			Sign & Date	Section		Chief Eng	QC Inspector		
								ţ				
							1					

NOTE: Date & initial all entries

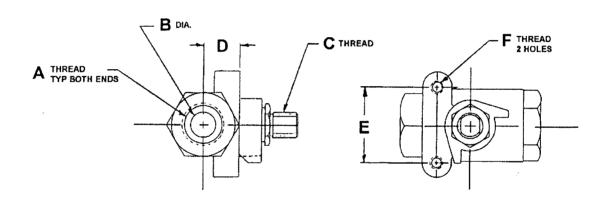




村村		DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA				
CHECK	(ED)	APPROVED	DRAWING NO.	REV. C			
	-#-	#	D2001 SHEET	1 OF 1			
DATE			TITLE	SCALE			
04.0	7.06		VALVE ASSEMBLY	NTS			
		90.04.02	NEW ISSUE				
Α		92.05.12	-043 ADDED				
В		96.04.10	DART P/N CHG,041-6,042-12,ADD	-16			
С		04,07.06	ADD D2001-4				



SPECIFICATION CONTROL DRAWING



Dart P/N	Apollo P/N	Α	В	С	D	Е	F
D2001-4	76-101-32	1/4 NPT	0.370	3/8-24 NF	0.56	1.120	10-24 UNC
D2001-6	76-102-01	3/8 NPT	0.370	3/8-24 NF	0.56	1.120	10-24 UNC
D2001-8	76-103-01	1/2 NPT	0.500	3/8-24 NF	0.60	1.120	10-24 UNC
D2001-12	76-104-01	3/4 NPT	0.680	7/16-20 NF	0.79	1.370	10-24 UNC
D2001-16	76-105-01	1 NPT	0.870	7/16-20	0.99	1.370	10-24 UNC
						-	

NOTES:

- 1) POSSIBLE SUPPLIER: FLO-CONTROL INC. OR APOLLO VALVE DIVISION
- 2) DISCARD HANDLE AND ATTACHING NUT, EXCEPT FOR D2001-4
- 3) CHECK DIMENSION SHOWN ON THIS DRAWING
- 4) REFERENCE INFORMATION:

MATERIAL: 316 STAINLESS STEEL INVESTMENT CAST COMPONENTS

MEETS NACE-MR-01-75

MEETS WW-V-35C TYPE II, COMP SS, STYLE 3

PRESSURE RATING: 2000 PSI @ 100°F

150 PSI @ 400°F

5) IDENTFY WITH DART P/N & B/N USING FINE POINT PERMANENT INK MARKER

SHOP COPY

RETURN TO

ENGINEERING

UNCONTROLLED COPY

SUBJECT TO AMENDMENT

WITHOUT NOTICE

WORK ORDER

Copyright @ 1990 by DART AEROSPACE LTD

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Commercial Invoice

ACI-028229830036447

Purpose of Shipment Invoice Number Curr Ult Dest. USD CA Export Dt C.I. References Bill T/C Pkgs 12/19/2007 5005119059 1 1517-9324-0 BOX Shipper: Consignee: Debbie Sims Conbraco Industries DART AEROSPACE 1418 S Pearl St MAIN FINISHED GOODS LOC 1270 ABERDEEN ST Pageland HAWKSBURY SC 29728 US (843) 672-6161 ON K6A1K7 CA (770) 382-0006 ID/EIN: 561345109 ID/EIN:℃ Broker Importer DART AEROSPACE MAIN FINISHED GOODS LOC 1270 ABERDEEN ST HAWKSBURY ON K6A1K7 CA (770) 382-0006 Non-Resident Importer: N ID/EIN: Marks/Nbrs: Cntry MFG: US Net Wgt: 0.0 lbs Marks/NDrs: Unit Qty: 10.00 EA Unit Value: Part Nbr: HS Code: 28.210000 Commodity Value: 282.10 Desc: Stainless Steel Ball Valves To all Shipment Weight: 0.0 Total Commodity Value: 282.10
These commodities, technology, or software were exported from the Terms of Sale: FCA/FOB
United States in accordance with the Export Administration Regulations. Freight: 0.00 Diversion contrary to United States lav is prohibited. Insurance: 0.00 Other: 0.00 Total Invoice Value: 282.10

Comments:

1)

I declare all information in this involce to be true and correct. Signature of Shipper: Debbie Sirs Delibre

Tracking Numbers: 028229830036447

Fedity Graind Op Oplo 6407



Purchase Order

Date Dec 13, 2007 Page

Purchase Order Number PO00005279

Dart Aerospace Ltd 1270 Aberdeen St Hawksbury, Ontario K6A 1K7

Phone: (613)632-9577

(613)632-1053



Vendor Address:

Flo-Control Inc. 80 Center Rd.

Cartersville, GA 30121 (770) 382-0006 (770) 382-0161 Phone

Fax

Ship To:

Main Finished Goods Location Dart Aerospace Ltd 1270 Abèrdeen St Hawksbury, Ontario K6A 1K7

Reference	Contact	Vendor Number	PO Date	Terms	Ship Via	Expected Arrival
	_	VU-FL0001		N30	Fedex	Dec 21, 2007

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Qty. Ordered	Item Number	Description	Expected	Drop- Ship	Unit Cost	UON	Extended Price
	7610301 V	VALVE mments: APOLLO P/N; 76-1 AS PER DWG D20	Arrival 12/21/2007 0301 VALVE (01 REV. C	Ship No 0.5"	49.729711	Each	Extended Price 497.3
Comments: CERTIFIC REC	CATE OF CONFCRMITY O'D UPON DELIVERY	Tax Summary:	CLAVOII		Less: included tax Subtotal Total tax Total purchase		0.00 497.30 0.00

INV NO. Pg.

66312

REFERENCE ONLY

FLO-CONTROL, INC. BO CENTER RD CARTERSVILLE, 6A 30121

INV DATE 12/26/07

770-382-0006

NET 30 DAY TERMS: DUE DATE:01/25/08

RECEIVED DEC 28 2007

BILL TO: DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ONT , CA KEA1K7 SHIP TO: DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ONT CANADA KEA 1K7

NO.	RDER DATE	CUSTOMER NO. 9	BRP P.	O. NO.	SHIP DATE	SHIP (JIA
59393	12/13/07	7 204700 5	5 PO@@@	av5279	12/19/07	FEDERAL	EXPRESS
QTY ORDE		TEM ITEM NO. NIT QTY BACKORDE	R ITEM	DESCRIPTION	UNIT		PRICE PRICE
16	gar upan kama dalah mere perke diana 1901 M	ACH 76-103-01	1/2" SS MOUNTIN	VALVE THREA G PADS	DED W/ EACH		ل 49.73 497.30

497.30 SALES AMOUNT: 0.00 MISC. AMOUNT: 0.00 FREIGHT AMOUNT: 0.00 TOTAL TAX AMOUNT: 497.30 NET ORDER AMOUNT: 0.00 CASH RECEIVED: 497.30 BALANCE DUE:

Marc Bellavance

From: Roberto Fuentes [rfuentes@dartaero.com]

Sent: January 9, 2008 11:23 AM

To: 'Marc Bellavance'
Cc: David Shepherd

Subject: RE: D2001

Hi Marc,

David and I found no problem with this modification manufacture need to do, but we suggest this modification need to reflect in the drawing as an option since this is inconsistent problem.

Roberto

From: Marc Bellavance [mailto:mbellavance@dartaero.com]

Sent: Wednesday, January 09, 2008 7:28 AM

To: 'Roberto Fuentes' **Subject:** RE: D2001

See pictures attached.

Thanks!

Marc Bellavance Mechanical Designer/Technical Support

DART aerospace Ltd.

Tel: 613-632-5200 Ext. 240

Fax: 613-632-9311

E-mail: mbellavance@dartaero.com

Web: www.dartaero.com

From: Roberto Fuentes [mailto:rfuentes@dartaero.com]

Sent: January 8, 2008 5:13 PM

To: 'Marc Bellavance' Subject: RE: D2001

Hi Marc,

I got both e-mail. Send me the picture of the interference when you have a chance.

Roberto

From: Marc Bellavance [mailto:mbellavance@dartaero.com]

Sent: Tuesday, January 08, 2008 12:45 PM

To: 'Fuentes, Roberto' **Subject:** FW: D2001 **Importance:** High

Roberto,

	Server of Arthur 17 Co. The manufacture of the Arthur 17 Co.	-			
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I don't know if you had a chance to reply to the e-mail below.

I just found out (thanks to David) that when George changed my computer, my e-mail address was not setup properly (<u>mbellanance@dartaero.com</u> in stead of <u>mbellavance@dartaero.com</u>). Can you please resend your response at the correct e-mail address by replying to this e-mail?

Thanks and sorry for the inconvenience.

Marc Bellavance Mechanical Designer/Technical Support

DART aerospace Ltd.

Tel: 613-632-5200 Ext. 240

Fax: 613-632-9311

E-mail: mbellavance@dartaero.com

Web: www.dartaero.com

From: Marc Bellavance [mailto:mbellanance@dartaero.com]

Sent: January 8, 2008 11:07 AM

To: 'Fuentes, Roberto' **Subject:** D2001

Hi Roberto,

Please take a look at the attached drawing.

QC reported that the orientation of the left hexagonal fitting press fitted into the valve housing is inconsistent. Results, when trying to assemble the valve on the heater, there is some interference. They are asking if the parts would be acceptable if machined down as indicated per the provided sketches.

I don't see a problem with that. Do you?

Marc Bellavance Mechanical Designer/Technical Support

DART aerospace Ltd.

Tel: 613-632-5200 Ext. 240

Fax: 613-632-9311

E-mail: mbellavance@dartaero.com

Web: www.dartaero.com

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